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Patent claims

04

1. Multifunctional tool (1, 61, 71, 81), characterized by at least one measuring, entering and display device (12, 14, 67, 77, 87) for various physical measure values arranged integrally in or at the tool (1) or by several measuring, entering and display devices (12, 14, 67, 77, 87) for at least one physical measure value arranged integrally in or at the tool (1), and by one menu device by means of which it is possible to select the desired display among the various physical measure values.
2. Tool according to claim 1, characterized by at least
- one measuring sensor for a measuring of a physical value and/or a entering member for a entering of a physical value,
 - a converter for converting the measured and/or entered value into a electrical signal,
 - a microprocessor for a converting of the electrical signal into a standardized physical unit, as well as
 - a display of the measured and/or entered physical value in the corresponding unit.
3. Tool according to ~~one of the claims 1 or 2~~ *Claim 1*, characterized in that at least one storing medium is foreseen for the storing of the measured and possibly converted, respectively measuring values.

2. Tool according to claim 1, characterized by at least
- one measuring sensor for a measuring of a physical value and/or a entering member for a entering of a physical value,
 - a converter for converting the measured and/or entered value into a electrical signal,
 - a microprocessor for a converting of the electrical signal into a standardized physical unit, as well as
 - a display of the measured and/or entered physical value in the corresponding unit.

- one measuring sensor for a measuring of a physical value and/or a entering member for a entering of a physical value,
- a converter for converting the measured and/or entered value into a electrical signal,
- a microprocessor for a converting of the electrical signal into a standardized physical unit, as well as
- a display of the measured and/or entered physical value in the corresponding unit.

Claim 1

3. Tool according to ~~one of the claims 1 or 2~~, characterized in that at least one storing medium is foreseen for the storing of the measured and possibly converted, respectively measuring values.

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Claim 1

4. Tool according to ~~one of the claims 1 to 3~~, characterized in that the measuring and display device (12, 14, 67, 77, 87) is a altitude measuring device, compass, barometer, thermometer, hygrometer, speed measuring device, anemometer, a scale, a measuring device for radioactive radiation and /or satellite navigation device.

Claim 1

5. Tool according to ~~one of the claims 1 to 4~~, characterized in that a so called menu circuit (16, 78) is foreseen in order to activate in case of a plurality of measuring devices the respective measuring and displaying of a given desired physical value.

Claim 1

6. Tool according to ~~one of the claims 1 to 5~~, characterized in that the display (14, 67, 77, 87) is a so called LCD (Liquid Crystal Display) display.

Claim 1

7. Tool according to ~~one of the claims 1 to 6~~, characterized in that further a watch and/or a flash light is arranged integrally in a tool casing, whereby preferably the time display is located at or in, respectively the display for the physical value.

Claim 1

8. Tool according to ~~one of the claims 1 to 7~~, characterized in that the measuring and display device can be switched on or off, whereby preferably the switching off occurs automatically after a certain preset time.

Claim 2

9. Tool according to ~~one of the claims 2 to 7~~, characterized in that a weighing device is arranged to be able to be pulled out or swung out of the pocket knife.

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Claim 2

10. Tool according to ~~one of the claims 2 to 8~~, characterized in that a awl (37) is foreseen on the tip of which a temperature feeler (39) is located, for instance in order to measure the temperature inside of meat during a grilling in order to determine how for the roasting or cooking process has advanced.

Claim 1

11. Tool according to ~~one of the claims 1 to 10~~, characterized in that a pressure sensor (16) for operating the menu device is foreseen.

Claim 1

12. Tool according to ~~one of the claims 1 to 11~~, characterized in that the power supply for the measuring and display device proceeds by means of a battery and/or of a solar cell.

Claim 1

13. Tool according to ~~one of the claims 1 to 12~~, characterized in that a interface (69, 79, 89) is foreseen in or at the tool in order to input data into the measuring and display device and to transmit data from same, respectively.

14. Tool according to 13. characterized in that the interface is suitable for the transmission of data by means of a cable transmission as well as for the data transfer for the wireless data transfer, such as optically, by wireless, etc.

Claim 1

15. Tool according to ~~one of the claims 1 to 14~~, characterized in that the measuring and display device is releasable arranged at the tool, e.g. by means of a snap on, screwed, plugged, adhering or clamped connection.

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- A Sub City Cont*
- Claim 2*
16. Tool according to ~~one of the claims 2 to 15~~, characterized in that parts, such as e.g. the display, the electronics, or the measuring sensor of the measuring and display device are mounted integral to the tool and the parts are removably arranged on the tool.

- sub B*
17. Multifunctional tool, characterized in that it is a pocket knife, including at least one casing and a integral or releasable cover, in or at which casing a number of tools are located, and in which cover and/or in which casing at least one display device (14, 67, 77) for a physical value is located.

- A Sub City Cont*
- Claim 1*
18. Tool according to ~~one of the claims 1 to 16~~, characterized in that at least two casing parts or covers (6, 7, 31, 33, 63, 73, 82, 84) are foreseen, which are interconnected by suitable means (9, 10, 35, 41, 43, 64, 65, 75, 76, 85) for the transmission of current and the exchange of data, respectively.

19. Tool according to claim 18, characterized in that the transmission means are pins (9, 10, 35, 41, 43, 64, 65, 75, 76, 85), plate like elements (43) or ring shaped elements (41).

- A*
- Claim 1*
20. Tool according to ~~one of the claims 1 to 19~~, characterized in that a weighing cell (55) responding to pressure is located integrally in the tool.

- A*
- Claim 1*
21. Tool according to ~~one of the claims 1 to 20~~, characterized in that it is a multifunctional hand tool such as pliers, a clamp, a knife and similar.

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Claim 1

- A Sub C/15*
22. Tool according to ~~one of the claims 1 to 21~~, characterized in that a sending member for a sending of a localizing signal in order to localize a person carrying the tool is arranged, such as a so called ELT (Emergency Localisation Transmitter).

Claim 1

- A*
23. Tool according to ~~one of the claims 1 to 22~~, characterized in that a access control member is foreseen in or at the tool, such as a so called Access-Control-Circuit.

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